

AUG 11 2008

67010-072  
PA-004.2715-US**Amendments to the Claims:**

This listing of claims will replace all prior versions of claims in the application:

**Listing of Claims:**

1. (Previously Presented) An electrochemical cell structure comprising:  
  
a first conductive member having a first central area and a first peripheral area extending around said first central area, said first central area having a first set of openings for conducting a fluid through said first member;  
  
a second conductive member having a second central area and a second peripheral area, said second central area having a second set of openings in fluid communication with said first set of openings;  
  
said first conductive member having a volume on said first peripheral area and said second conductive member having a protrusion on said second peripheral area extending into said volume;  
  
a securing member between said volume and said protrusion, said first conductive member stacked on said second conductive member along an axis; and  
  
wherein said volume is sized larger than said protrusion prior to insertion of said protrusion into said volume and said securing member attaches said first conductive member to said second conductive member.
2. (Original) The electrochemical cell structure of Claim 1 wherein said securing member comprises an adhesive for adhering said first conductive member to said second conductive member.

67010-072  
PA-004.2715-US

3. (Original) The electrochemical cell structure of Claim 2 wherein said adhesive comprises an adhesive tape having a liquid state and a solid state, said volume for receiving said adhesive tape in said liquid state.

4. (Previously Presented) The electrochemical cell structure of Claim 3 wherein said adhesive tape comprises an ethylene acrylic acid copolymer.

5. (Previously Presented) The electrochemical cell structure of Claim 1 wherein said volume extends at least partially around a hole in said first peripheral area.

6. (Previously Presented) The electrochemical cell structure of Claim 1 wherein said protrusion extends at least partially around a hole in said second peripheral area.

7. (Previously Presented) The electrochemical cell structure of Claim 6 wherein said protrusion comprises a first protrusion and a second protrusion, said first protrusion spaced radially from said second protrusion relative to said axis.

8. (Previously Presented) The electrochemical cell structure of Claim 1 wherein said first conductive member and said second conductive member generally comprise a cylinder extending along said axis, wherein one of said protrusion and said volume extends circumferentially about said axis.

67010-072  
PA-004.2715-US

9. (Original) The electrochemical cell structure of Claim 8 wherein said volume comprises a first volume and a second volume, said first volume spaced radially from said second volume relative to said axis.

10. (Cancelled)

11. (Withdrawn) An electrochemical cell comprising:  
an anode;  
a cathode;  
an electrochemically conductive medium spaced between said anode and said cathode;

wherein at least one of said anode and said cathode comprises a first conductive member and a second conductive member, each of said conductive members having a central area surrounded by a peripheral area; and

an adhesive tape having a solid state and a liquid state, said adhesive tape having a predetermined size in said solid state smaller than said peripheral area.

12. (Withdrawn) The electrochemical cell of claim 11 wherein said first conductive member has a volume and said second conductive member has a protrusion extending into said volume.

13. (Withdrawn) The electrochemical cell of Claim 12 wherein said volume receives said adhesive tape in said liquid state.

67010-072  
PA-004.2715-US

14. (Withdrawn) The electrochemical cell of Claim 12 wherein said volume comprises a channel extending along said peripheral area.

15. (Withdrawn) The electrochemical cell of Claim 12 wherein said first conducting member has a first set of openings and said second conducting member has a second set of openings, said first set of openings in fluid communication with said second set of openings.

16. (Withdrawn) A method of manufacturing an electrochemical cell structure comprising the steps of:

- a) spacing a first conductive member relative to a second conductive member;
- b) arranging an adhesive between the first conductive member and the second conductive member, the adhesive having a solid state and a liquid state; and
- c) liquefying the adhesive to form a seal between the first conductive member and the second conductive member.

17. (Withdrawn) The method of Claim 16 including the step of:

- d) providing a volume to receive the adhesive in the liquid state on the first conductive member.

18. (Withdrawn) The method of Claim 17 wherein forming the volume comprises etching the volume.

67010-072  
PA-004.2715-US

19. (Withdrawn) The method of Claim 17 including the step of:
- e) providing a protrusion on the second conductive member and placing the protrusion in the volume.
20. (Withdrawn) The method of Claim 16 wherein step b) comprises applying pressure to sandwich the adhesive between the first conductive member and the second conductive member.
21. (Cancelled)
22. (Previously Presented) The electrochemical cell structure of Claim 1 including another volume spaced from said volume, said volume extending transversely relative to said another volume.
23. (Previously Presented) The electrochemical cell structure of Claim 1 including another protrusion spaced from said protrusion, said protrusion extending transversely relative to said another protrusion.
24. (Previously Presented) The electrochemical cell structure of Claim 1 wherein said volume is sized to accommodate said securing member when in a liquid state.

67010-072  
PA-004.2715-US

25. (Currently Amended) The electrochemical cell structure of Claim 1 wherein said volume forms a receiving volume spaced radially from said protrusion relative to said axis when said protrusion is disposed in said ~~volume.~~ volume.

26. (Previously Presented) The electrochemical cell structure of Claim 1 wherein said volume and said protrusion form a first receiving volume and a second receiving volume, said protrusion spaced between said first receiving volume and said second receiving volume.

27. (Previously Presented) An electrochemical cell structure comprising:  
a first conductive member having a first central area and a first peripheral area extending around said first central area, said first central area having a first set of openings for conducting a fluid through said first member;

a second conductive member having a second central area and a second peripheral area, said second central area having a second set of openings in fluid communication with said first set of openings;

said first conductive member having a first protrusion, a second protrusion and a volume on said first peripheral area, said volume is spaced between said first protrusion and said second protrusion;

said second conductive member having a third protrusion extending into said volume, wherein said first protrusion, said second protrusion and said third protrusion define a tortuous path; and

a securing member disposed in said volume.

67010-072  
PA-004.2715-US

28. (Previously Presented) The electrochemical cell structure of Claim 27 including a hole in said first peripheral area, said volume extending at least partially around said hole.

29. (Previously Presented) The electrochemical cell structure of Claim 27 wherein said securing member comprises an adhesive for adhering said first conductive member to said second conductive member.